

# Baran Topaloğlu

## Mechanical Engineer

Dedicated and passionate young engineer with experience in aerodynamic design and the automotive industry. He made his theses on CAD design and CFD engineering. Able to search and apply different methods to improve the user experience for clients, employees, and administration.

## EXPERIENCE

### APRO Alüminyum, Adana / Turkey- *Project Engineering Intern*

May 2021 - June 2021

- Supported the chief engineer with monitoring and analyzing distribution, optimizing overall efficiency, and commentate feedback.
- Implementation and control of the company's quality standards.

### ZF LEMFÖRDER, Izmir / Turkey- *Mechanical Engineering Intern*

June 2018 - July 2018

- Assisted mechanical engineer with technical drawing drafts, 3D rendering, and presenting the final results.

### Cukurova University, Adana / Turkey- *University Project*

September 2016 – November 2017

- Design, analysis, and production of electric vehicle in “Çukurova Electromobile Team” (<http://cukurovaelektromobil.com/>)
- Tubitak Efficiency Challenge 1<sup>st</sup> place winner (2017)
- Shell Eco-Marathon Turkey 1<sup>st</sup> place winner (2017)
- Shell Eco-Marathon Europe 7<sup>th</sup> place (2017)

### AIESEC (Association Internationale des Étudiants en Sciences Économiques et Commerciales), Kyiv / Ukraine – English Teacher

June 2016 - August 2016

- Volunteer language tutoring and child counseling for 8-14 age children in summer camp. (Irpın/Kyiv)

## EDUCATION

### Anadolu University, Eskişehir / Turkey - Photography and Videography

September 2020 - June 2022

### Cukurova University, Adana / Turkey - *Mechanical Engineering B.Sc.*

September 2015 - June 2021

Theses:

- The aerodynamic design of an automobile.
- CFD analysis of low Reynolds number airfoils for Mars exploration.
- Testing and analyze load/stress factors at elevated temperatures for different materials with Abaqus CAE.

### Activ Lernen, Cologne / Germany – German Language School

August 2018 - September 2018

### TAKEM (Turkish German Cultural Education Center), Adana / Turkey – German Language School



March 2016 - June 2016

#### Email

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#### LinkedIn

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Cukurova/ADANA

#### Phone

+905309448909

#### Date and Place of Birth

14.07.1997 Adana /  
Turkey

## SKILLS

#### CATIA V5



#### Ansys



#### AutoCAD



#### MS Office



#### C++ , Phyton



## LANGUAGES

Turkish.....Native

English.....Business Fluent

German.....Pre-Intermediate

## HOBBIES

Classic car restoration,  
Photography, Electric guitar,  
Drum, Watercolor, Hiking,  
Camping, Travel

